

## Fruit

Michigan apple production was 560 million pounds, down from 770 million pounds in 2007. The farm level value of the utilized crop was \$121.0 million. Michigan ranked third in U.S. apple production behind Washington and New York, which produced 6.10 billion pounds and 1.23 billion pounds, respectively.

Tart cherry production was 165 million pounds, down 16 percent from the 196 million pounds produced in 2007. The average yield was 6,370 pounds per acre. The farm level value was \$64.8 million. Sweet cherry production was 26,500 tons, down from 27,300 tons produced in 2007. The average yield was 3.68 tons per acre. The farm level value was \$15.2 million.

Cultivated blueberry production in Michigan was 110 million pounds, approximately 32 percent of the U.S. total. Growers harvested 18,600 acres in 2008. The farm level value was \$124

million. Strawberry production in Michigan was 4.9 million pounds on 800 harvested acres. The farm level value was \$5.8 million.

Michigan peach production was 28.0 million pounds, down from 41 million pounds in 2007. Total bearing acres were 4,300, and the farm level value was \$9.1 million. Pear production in Michigan was 2,850 tons on 800 acres. The farm level value was \$1.2 million. Michigan plum production was 2,300 tons on 650 acres. The farm level value was \$821,000.

Michigan grape production was 73,700 tons. The farm level value was \$26.8 million. There were 45,800 tons of Concords and 22,000 tons of Niagara grapes processed. There were 2,700 tons of vinifera, 2,100 tons of hybrids, and 500 tons of other varieties processed for wine. Prices for vinifera varieties averaged \$1,380 per ton, hybrids \$610 per ton, and other varieties \$240 per ton.

**Fruit: Record highs and lows**

Crop	Unit	Record high		Record low		Year estimates started
		Quantity	Year	Quantity	Year	
Apples	Million pounds	1,220	1995	53	1945	1889
Blueberries	Million pounds	110	2008	12	1977	1992
Cherries, sweet	Tons	37,500	1978	500	1945	1925
Cherries, tart	Million pounds	380	1964	15	2002	1925
Grapes	Tons	102,700	2005	4,200	1889	1889
Peaches	Million pounds	255	1945,1946	7.4	1918	1889
Pears	Tons	48,600	1964	1,400	2002	1889
Plums	Tons	25,000	1971	250	2002	1919
Strawberries	1,000 cwt	451	1940	41	2004	1928

**Fruit: Acres harvested and value of production, 2004-2008**

Item	Unit	2004	2005	2006	2007	2008
Acres harvested	1,000 acres	115	113	112	109	109
Value of production	1,000 dollars	282,894	278,759	351,656	416,826	363,285

**Fruit: Acres, production, and value, 2004-2008**

Fruit and Year	Bearing acres	Yield	Production		Price	Value of production
			Total	Utilized		
	<i>Acres</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Dollars per pound</i>	<i>1,000 dollars</i>
Apples						
2004	40,500	18,000	730	730	0.123	89,780
2005	40,000	19,000	760	755	0.126	95,038
2006	38,500	22,900	880	855	0.141	120,386
2007	36,000	21,400	770	770	0.169	130,325
2008	36,500	16,400	600	600	0.196	117,425
Blueberries <sup>1</sup>						
2004	17,400	4,600	80	80	1.220	97,210
2005	16,800	3,930	66	66	1.270	83,500
2006	18,100	4,970	90	90	1.660	149,655
2007	18,500	5,030	93	93	1.780	165,456
2008	18,600	5,910	110	110	1.130	124,000
Cherries, tart						
2004	27,000	5,520	149	149	0.335	49,861
2005	26,700	7,790	208	208	0.229	47,555
2006	26,400	7,200	190	180	0.192	34,697
2007	26,100	7,510	196	193	0.264	50,905
2008	25,900	6,370	165	165	0.382	63,030
Peaches						
2004	5,200	7,200	37.4	37.4	0.274	10,274
2005	5,000	5,600	28.0	28.0	0.285	7,982
2006	4,500	8,400	37.8	37.4	0.350	13,066
2007	4,300	9,540	41.0	38.2	0.426	16,298
2008	4,300	6,520	28.0	27.4	0.330	9,052
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
Cherries, sweet						
2004	8,100	3.05	24,700	24,700	660	16,311
2005	7,900	3.42	27,000	27,000	620	16,732
2006	7,700	2.60	20,000	20,000	775	15,492
2007	7,300	3.74	27,300	27,300	649	17,709
2008	7,200	3.68	26,500	26,300	576	15,159
Grapes						
2004	13,900	4.50	62,500	58,000	236	13,690
2005	14,200	7.23	102,700	102,700	210	21,518
2006	14,200	2.29	32,500	27,500	336	9,242
2007	14,100	7.10	100,100	100,100	286	28,605
2008	14,200	5.19	73,700	73,700	364	26,794
Pears						
2004	800	4.33	3,460	3,400	311	1,058
2005	800	2.50	2,000	1,970	423	834
2006	800	4.50	3,600	3,500	320	1,120
2007	800	5.00	4,000	3,600	450	1,621
2008	800	3.56	2,850	2,800	414	1,158
Plums						
2004	750	3.33	2,500	2,000	353	705
2005	750	2.67	2,000	2,000	361	722
2006	750	4.80	3,600	3,400	504	1,713
2007	750	4.13	3,100	2,000	440	879
2008	650	3.54	2,300	2,300	357	821

<sup>1</sup> Harvested acres.

**Apples: End-of-month stocks in cold and controlled atmosphere storage, 2004-2008**

Month	2004-05	2005-06	2006-07	2007-08	2008-09
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
October	336,351	351,515	383,675	322,867	312,665
November	326,921	322,792	362,253	273,629	310,356
December	268,632	261,930	323,942	217,797	
January	227,805	216,048	260,604	171,502	
February	185,138	158,504	211,682	122,105	
March	137,500	105,340	143,579	83,984	
April	81,771	68,511	87,067	38,313	

**Apples: Utilization and price, 2004-2008**

Year	Fresh market		Processing		Total	
	Quantity	Price per lb	Quantity	Price per lb	Quantity	Price per lb
	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>
2004	240	0.202	490	0.084	730	0.123
2005	265	0.210	490	0.080	755	0.126
2006	295	0.245	560	0.086	855	0.141
2007	265	0.290	505	0.106	770	0.169
2008	165	0.355	435	0.136	600	0.196

**Apples, processing: Utilization and price, 2004-2008**

Year	Canned		Frozen and fresh slices		Juice and cider	
	Quantity	Price per lb	Quantity	Price per lb	Quantity	Price per lb
	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>
2004	210	0.090	157	0.098	115	0.055
2005	195	0.088	147	0.095	140	0.055
2006	215	0.085	168	0.113	175	0.060
2007	165	0.110	180	0.124	155	0.080
2008	165	0.150	140	0.159	125	0.090

<sup>1</sup> Not published to avoid disclosure of individual operations.

**Blueberries: Utilization and price, 2004-2008**

Year	Production		Fresh market		Processed	
	Total	Utilized	Quantity	Price per pound	Quantity	Price per pound
	<i>Million lbs</i>	<i>Million lbs</i>	<i>Million lbs</i>	<i>Dollars</i>	<i>Million lbs</i>	<i>Dollars</i>
2004	80	80	36	1.600	44	0.900
2005	66	66	25	1.700	41	1.000
2006	90	90	29	2.150	61	1.430
2007	93	93	30	2.050	63	1.650
2008	110	110	40	1.700	70	0.800

**Cherries, sweet: Production and utilization, 2004-2008**

Year	Total production	Utilized production							
		Fresh		Canned		Brined		Other <sup>1</sup>	
		Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>
2004	24,700	500	2,020	2,870	640	18,100	617	3,230	711
2005	27,000	600	1,770	4,350	630	17,800	550	4,250	739
2006	20,000	1,000	2,750	670	800	12,200	550	6,130	897
2007	27,300	800	2,060	1,060	730	17,400	440	8,040	949
2008	26,500	1,200	2,620	1,830	460	14,100	380	9,170	634

<sup>1</sup> Frozen, juice, etc.

**Cherries, tart: Utilization, 2004-2008**

Year	Production		Fresh market	Processed					
	Total	Utilized		Canned		Frozen		Other <sup>1</sup>	
				Quantity	Price per pound	Quantity	Price per pound	Quantity	Price per pound
	<i>Million lbs</i>	<i>Million lbs</i>	<i>Million lbs</i>	<i>Million lbs</i>	<i>Dollars</i>	<i>Million lbs</i>	<i>Dollars</i>	<i>Million lbs</i>	<i>Dollars</i>
2004	149	149	0.5	39.5	0.340	103	0.340	6.0	0.169
2005	208	208	0.5	51.0	0.240	146	0.230	10.5	0.141
2006	190	180	0.5	39.0	0.160	114	0.210	26.8	0.153
2007	196	193	0.5	39.0	0.270	143	0.265	10.5	0.191
2008	165	165	0.5	39.0	0.435	117	0.370	8.5	0.262

<sup>1</sup> Juice, wine, and dried.

**Cherries, tart: Production by region, 2004-2008**

Region	2004	2005	2006	2007	2008
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Northwest	88.0	129.0	115.0	134.0	96.5
West Central	37.0	64.0	49.0	53.0	50.0
Southwest and other	24.0	15.0	26.0	9.0	18.5
Michigan	149.0	208.0	190.0	196.0	165.0

**Cherries, tart, frozen: Stocks in cold storage, 2005-2008**

Month	East North Central region <sup>1</sup>				48 States total <sup>2</sup>			
	2005-06	2006-07	2007-08	2008-09	2005-06	2006-07	2007-08	2008-09
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
July	114,768	122,154	135,923	99,621	136,042	137,736	168,436	118,790
August	118,997	115,591	125,752	114,186	150,216	143,082	158,643	137,994
September	111,371	107,942	121,898	100,749	139,969	133,717	153,812	120,386
October	105,240	101,127	112,606	93,116	131,846	123,486	142,039	113,867
November	97,377	93,505	104,719		117,828	112,606	132,845	
December	92,220	89,022	99,014		110,359	110,361	126,646	
January	85,006	80,445	91,603		102,319	97,425	117,609	
February	77,281	73,593	86,533		92,935	88,896	109,423	
March	66,486	64,283	82,236		78,660	76,170	100,479	
April	60,926	55,544	72,708		71,560	66,958	87,495	
May	52,818	45,509	63,661		61,316	58,337	75,690	
June	42,339	36,519	53,119		47,806	48,989	63,055	

<sup>1</sup> Illinois, Indiana, Michigan, Ohio, and Wisconsin.

<sup>2</sup> Excluding Alaska and Hawaii.

**Grapes: Processed utilization and value, 2004-2008**

Year	Concord	Niagara	Other	Total		
				Utilized production	Price per ton	Value
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2004	34,900	19,400	3,200	57,500	231	13,290
2005	66,500	31,000	4,500	102,000	205	20,958
2006	15,350	8,100	3,950	27,400	331	9,082
2007	61,000	33,500	4,500	99,000	261	25,855
2008	45,800	22,000	4,700	72,500	325	23,554

**Grapes: Processed for wine by category, 2004-2008**

Year	Hybrids		Vinifera		Other		Total		
	Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton	Value of production
	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2004	970	520	1,950	1,185	280	180	3,200	895	2,864
2005	1,660	510	2,640	1,430	300	230	4,600	1,020	4,692
2006	1,490	620	2,460	1,340	350	225	4,300	1,000	4,300
2007	1,800	560	2,700	1,435	900	220	5,400	940	5,080
2008	2,100	610	2,700	1,380	500	240	5,300	970	5,141

**Peaches: Utilization and value, 2004-2008**

Year	Fresh Market			Processing		
	Production	Price per pound	Value of production	Production	Price per ton	Value of production
	<i>Million lbs</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2004	25.0	0.330	8,250	6,200	326	2,024
2005	14.0	0.390	5,460	7,000	360	2,522
2006	22.7	0.430	9,761	7,350	450	3,305
2007 <sup>1</sup>						
2008 <sup>1</sup>						

<sup>1</sup> Not published to avoid disclosure of individual operations.

**Plums: Utilization and value, 2004-2008**

Year	Fresh Market			Processing		
	Production	Price per ton	Value of production	Production	Price per ton	Value of production
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2004	350	769	269	1,650	264	436
2005	450	760	342	1,550	245	380
2006	1,800	730	1,314	1,600	249	399
2007	900	765	689	1,100	173	190
2008	700	775	543	1,600	174	278

**Strawberries: Acres, production and value, 2004-2008**

Year	Total	Harvested	Yield	Production	Price per cwt	Value of production
	<i>Acres</i>	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2004	1,100	900	46	41	97.70	4,005
2005	1,100	1,000	52	52	93.80	4,878
2006	1,000	850	65	55	114.00	6,285
2007	1,000	850	51	43	117.00	5,028
2008	950	800	61	49	119.00	5,846

**Strawberries: Utilization and value, 2004-2008**

Year	Fresh Market			Processing		
	Production	Price per cwt	Value of production	Production	Price per cwt	Value of production
	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2004	36	105	3,780	5	45.00	225
2005	47	99	4,653	5	45.00	225
2006	52	118	6,136	3	49.50	149
2007	41	120	4,920	2	54.00	108
2008	47	122	5,734	2	56.00	112

**Refrigerated warehouses: Number and capacity, October 1, 2007 <sup>1</sup>**

Type	Number	Usable freezer space	Usable cooler space	Controlled atmosphere
		<i>1,000 cu ft</i>	<i>1,000 cu ft</i>	<i>1,000 bushels</i>
Apple	153		26,185	6,251
General-public	24	50,511	6,193	
General-private and semi-private	23	15,215	4,651	

<sup>1</sup> Conducted biennially.